





ENTERED

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/081,408

DATE: 03/11/2002 R5 TIME: 10:21:47

Input Set : A:\Ep.txt

Output Set: N:\CRF3\03112002\J081408.raw

		<110						s,n,	, Lai	rs								
	5	100			on, i					.a. n			- N D					
		<120									JR PI	ROTE.	LN P)KIF.	LCAT.	LON		
<i>a</i> \		<130									2 /1 A	/001	400					
C>												/081	, 400					
C>		<150										625-	2					
		<151									1100	025 .	,					
		<150									50.72	72 2	17					
•		<151									30/2	12,2	± /					
		<160								2 20								
		<170				_				awe.	Vor	cion	4 0					
		<210					_SEQ	101	WIII	ZOWS	V C I .	31011	4.0					
		<211																
		<212				740												
		<213				Ното	sar	niens	3									
		<220				1101110	, 5a,	Jieni	,									
		<221				CDS						•						
		<222					١١	(244	19)									
		<400				-	-,	, – -	,									
							ec ca	aggea	atcto	act	tacco	ggga	acct	cago	cca d	gagto	ccggga	60
																	cattg	120
•		ctct																175
	35				, ,		_						_				Thr	
	36												1				5	
	38	atc	ctc	gtg	ctc	ctc	att	ctg	gcc	gtc	atc	acc	atc	ttt	gcc	ttg	gtt	223
		Ile																
	40					10					15					20		
	42	tgt ·	gtc	ctg	ctg	gtg	ggc	agg	ggt	gga	gat	ggg	ggt	gaa	CCC	agc	caġ	271
	43	Cys	Val	Leu	Leu	Val	Gly	Arg	Gly	Gly	Asp	Gly	Gly	Glu	Pro	Ser	Gln	
	44				25					30					35			
		ctt																319
	47	Leu	Pro	His	Cys	Pro	Ser	Val	Ser	Pro	Ser	Ala	Gln		\mathtt{Trp}	Thr	His	
	48			40					45					50				
		cct																367
		Pro	Gly	Gln	Ser	Gln	Leu		Ala	Asp	Leu	Ser		Glu	Glu	Leu	Thr	
	52		55					60					65					
		gct																415
		Ala	Val	Met	Arg	Phe		Thr	Gln	Arg	Leu		Pro	Gly	Leu	Val		
	56	70					75					80					85	463
		gca																463
		Ala	Ala	Gln	Ala		Pro	Ser	Asp	Asn		Val	Phe	Ser	val		ьeu	
	60					90					95					100		



RAW SEQUENCE LISTING DATE: 03/11/2002 PATENT APPLICATION: US/10/081,408 TIME: 10:21:47

Input Set : A:\Ep.txt

Output Set: N:\CRF3\03112002\J081408.raw

62 cag ctg cct ccc aag gct gca gcc ctg gct cac ttg gac agg ggg agc	511
63 Gln Leu Pro Pro Lys Ala Ala Ala Leu Ala His Leu Asp Arg Gly Ser	
64 105 110 115 66 ccc cca cct gcc cgg gag gca ctg gcc atc gtc ttc ttt ggc agg caa	559
67 Pro Pro Pro Ala Arg Glu Ala Leu Ala Ile Val Phe Phe Gly Arg Gln	239
68 120 125 130	
70 ccc cag ccc aac gtg agt gag ctg gtg gtg ggg cca ctg cct cac ccc	607
71 Pro Gln Pro Asn Val Ser Glu Leu Val Val Gly Pro Leu Pro His Pro	
72 135 140 145	
74 tcc tac atg cgg gac gtg act gtg gag cgt cat gga ggc ccc ctg ccc	655
75 Ser Tyr Met Arg Asp Val Thr Val Glu Arg His Gly Gly Pro Leu Pro	
76 150 155 160 165 78 tat cac cga cgc ccc gtg ctg ttc caa gag tac ctg gac ata gac cag	703
79 Tyr His Arg Arg Pro Val Leu Phe Gln Glu Tyr Leu Asp Ile Asp Gln	703
80 170 175 180	
82 atg atc ttc aac aga gag ctg ccc cag gct tct ggg ctt ctc cac cac	751
83 Met Ile Phe Asn Arg Glu Leu Pro Gln Ala Ser Gly Leu Leu His His	
84 185 190 195	
86 tgt tgc ttc tac aag cac cgg gga cgg aac ctg gtg aca atg acc acg	799
87 Cys Cys Phe Tyr Lys His Arg Gly Arg Asn Leu Val Thr Met Thr Thr	
88 200 205 210	0.47
90 gct ccc cgt ggt ctg caa tca ggg gac cgg gcc acc tgg ttt ggc ctc 91 Ala Pro Arg Gly Leu Gln Ser Gly Asp Arg Ala Thr Trp Phe Gly Leu	847
92 215 220 225	
94 tac tac aac atc tcg ggc gct ggg ttc ttc ctg cac cac gtg ggc ttg	895
95 Tyr Tyr Asn Ile Ser Gly Ala Gly Phe Phe Leu His His Val Gly Leu	
96 230 235 240 245	
98 gag ctg cta gtg aac cac aag gcc ctt gac cct gcc cgc tgg act atc	943
99 Glu Leu Leu Val Asn His Lys Ala Leu Asp Pro Ala Arg Trp Thr Ile	
100 250 255 260	001
102 cag aag gtg ttc tat caa ggc cgc tac tac gac agc ctg gcc cag ctg 103 Gln Lys Val Phe Tyr Gln Gly Arg Tyr Tyr Asp Ser Leu Ala Gln Leu	991
104 265 270 275	
106 gag gcc cag ttt gag gcc ggc ctg gtg aat gtg gtg ctg atc cca gac	1039
107 Glu Ala Gln Phe Glu Ala Gly Leu Val Asn Val Val Leu Ile Pro Asp	
108 280 285 290	
110 aat ggc aca ggt ggg tcc tgg tcc ctg aag tcc cct gtg ccc ccg ggt	1087
111 Asn Gly Thr Gly Gly Ser Trp Ser Leu Lys Ser Pro Val Pro Pro Gly	
112 295 300 305	1125
114 cca gct ccc cct cta cag ttc tat ccc caa ggc ccc cgc ttc agt gtc 115 Pro Ala Pro Pro Leu Gln Phe Tyr Pro Gln Gly Pro Arg Phe Ser Val	1135
116 310 315 320 325	
118 cag gga agt cga gtg gcc tcc tca ctg tgg act ttc tcc ttt ggc ctc	1183
119 Gln Gly Ser Arg Val Ala Ser Ser Leu Trp Thr Phe Ser Phe Gly Leu	
120 330 335 340	
122 gga gca ttc agt ggc cca agg atc ttt gac gtt cgc ttc caa gga gaa	1231
123 Gly Ala Phe Ser Gly Pro Arg Ile Phe Asp Val Arg Phe Gln Gly Glu	
124 345 350 355	1279
126 aga cta gtt tat gag ata agc ctc caa gag gcc ttg gcc atc tat ggt	14/9

DATE: 03/11/2002 TIME: 10:21:47 RAW SEQUENCE LISTING PATENT APPLICATION: US/10/081,408

Input Set : A:\Ep.txt
Output Set: N:\CRF3\03112002\J081408.raw

127 128	Arg	Leu	Val 360	Tyr	Glu	Ile	Ser	Leu 365	Gln	Glu	Ala	Leu	Ala 370	Ile	Tyr	Gly	
130	gga	aat	tcc	cca	qca	qca	atq	acq	acc	cqc	tat	ata	gat	qqa	qqc	ttt	1327
	Gly																
132	021	375	501				380				-1-	385		0-1			
	~~~		~~~	226	+	200			~+~		aa+		~+~	~~~	+ ~ ~		1375
	ggc	_		_			-		_		_			_	-		13/3
	Gly	мет	GIY	гàг	Tyr		Thr	Pro	ьeu	Thr	_	GIY	val	Asp	Cys		
	390					395					400					405	
	tac																1423
139	Tyr	Leu	Ala	Thr	$\mathtt{Tyr}$	Val	Asp	Trp	His	Phe	Leu	Leu	Glu	Ser	Gln	Ala	
140					410					415					420		
142	ccc	aag	aca	ata	cgt	gat	gcc	ttt	tgt	gtg	ttt	gaa	cag	aac	cag	ggc	1471
	Pro	_			_	-	_		_			_	_		_		
144		_		425	,	-			430					435		-	
	ctc	ccc	cta		cga	cac	cac	tra		ctc	tac	tea	cac		+++	aaa	1519
	Leu																1010
	neu	FIO		AIG	AIG	птэ	птэ		АЗР	цец	ıyı	Ser		тут	FIIC	GIY	
148			440					445		-			450				1565
	ggt																1567
	Gly		Ala	GLu	Thr	Val		Val	Val	Arg	Ser		Ser	Thr	Leu	Leu	
152		455					460					465					
154	aac	tat	gac	tat	gtg	tgg	gat	acg	gtc	ttc	cac	CCC	agt	ggg	gcc	ata	1615
155	Asn	Tyr	Asp	Tyr	Val	Trp	Asp	Thr	Val	Phe	His	Pro	Ser	Gly	Ala	Ile	
156	470					475					480					485	
158	gaa	ata	cqa	ttc	tat	qċc	acq	aac	tac	atc	agc	tcq	qca	ttc	ctc	ttt	1663
	Ğlu		-			-	_				-	_	-				
160					490			1	- 1 -	495					500		
	ggt	act	act	aaa		tac	ααα	aac	caa		tca	παπ	cac	acc		aac	1711
	Gly	_			_										_		1/11
164	GLY	AIG	1111	505	цуз	тут	GIY	MSII	510	Vai	361	GIU	nis	515	ьеu	GLY	
													-4				1750
	acg	-				_	_			_		-	_	_	-	-	1759
	Thr	var		Thr	HIS	ser	Ala		Pne	гăг	val	Asp		Asp	vaı	Ата	
168			520					525					530		•		
170	gga	ctg	gag	aac	tgg	gtc	tgg	gcc	gag	gat	atg	gtc	ttt	gtc	ccc	atg	1807
171	Gly	Leu	Glu	Asn	Trp	Val	Trp	Ala	Glu	Asp	Met	Val	Phe	Val	Pro	Met	
172		535					540					545					
174	gct	gtg	ccc	tgg	agc	cct	gag	cac	cag	ctg	cag	agg	ctg	cag	gtg	acc	1855
	Ala																
176				-		555					560	-				565	
	cgg	aaσ	cta	cta	σασ		σασ	σασ	саσ	acc		ttc	ctc	ata	ααа		1903
	Arg																
180	1119	DY.5	ncu	пси	570	rice	GIU	Olu	GIII	575	AIU	rnc	пса	VUL	580	DCI	
	~~~		+			~+~	+	~+~	~~~			~~~				+~~	1951
	gcc																TADT
	Ala	Thr	Pro		Tyr	Leu	Tyr	Leu		ser	Asn	HIS	ser		ràs	Trp	
184				585					590					595			1000
	ggt						_		_	-		_		_			1999
	Gly	His		Arg	Gly	Tyr	Arg		Gln	Met	Leu	Ser		Ala	Gly	Glu	•
188			600					605					610				
190	ccg	ctg	ccc	caa	aac	agc	tcc	atg	gcg	aga	ggc	ttc	agc	tgg	gag	agg	2047
	Pro																
	•									,	-			_		-	

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/081,408

DATE: 03/11/2002 TIME: 10:21:47

Input Set : A:\Ep.txt
Output Set: N:\CRF3\03112002\J081408.raw

192 615 620 625	
194 tac cag ctg gct gtg acc cag cgg aag gag gag gag ccc agt agc ag	rc 2095
195 Tyr Gln Leu Ala Val Thr Gln Arg Lys Glu Glu Pro Ser Ser Se	•
196 630 635 640 640	
198 ago gtt tto aat cag aat gao oot tgg goo ooc act gtg gat tto ag	
199 Ser Val Phe Asn Gln Asn Asp Pro Trp Ala Pro Thr Val Asp Phe Se	•
200 650 655 660	
202 gac ttc atc aac aat gag acc att gct gga aag gat ttg gtg gcc tg	ıq 2191
203 Asp Phe Ile Asn Asn Glu Thr Ile Ala Gly Lys Asp Leu Val Ala Ti	, ,
204 665 670 675	· P
206 gtg aca gct ggt ttt ctg cat atc cca cat gca gag gac att cct aa	ic 2239
207 Val Thr Ala Gly Phe Leu His Ile Pro His Ala Glu Asp Ile Pro As	
208 680 685 690	
210 aca gtg act gtg ggg aac ggc gtg ggc ttc ttc ctc cga ccc tat aa	c 2287
211 Thr Val Thr Val Gly Asn Gly Val Gly Phe Phe Leu Arg Pro Tyr As	
212 695 700 705	
214 ttc ttt gac gaa gac ccc tcc ttc tac tct gcc gac tcc atc tac tt	c 2335
215 Phe Phe Asp Glu Asp Pro Ser Phe Tyr Ser Ala Asp Ser Ile Tyr Ph	
216 710 715 720 72	
218 cga ggg gac cag gat gct ggg gcc tgc gag gtc aac ccc cta gct tg	rc 2383
219 Arg Gly Asp Gln Asp Ala Gly Ala Cys Glu Val Asn Pro Leu Ala Cy	
220 730 735 740	
222 ctg ccc cag gct gct gcc tgt gcc ccc gac ctc cct gcc ttc tcc ca	c 2431
223 Leu Pro Gln Ala Ala Ala Cys Ala Pro Asp Leu Pro Ala Phe Ser Hi	
224 745 750 755	
226 ggg ggc ttc tct cac aac taggcggtcc tgggatgggg catgtggcca	2479
227 Gly Gly Phe Ser His Asn	
228 760	
230 agggetecag ggecagggtg tgagggatgg ggageagetg ggeaetggge eggeage	ctg 2539
231 gttccctctt tcctgtgcca ggactctctt tcttccacta ccctccctcg catccgc	
232 tgagccagga gcctcctgac cctgtgatgc ctgacacagg ggacactgaa ccttgtt	-
233 gccagctgta ctgagttctc atccacagag gccaggcatg gcccagcctg gagccgt	
234 cgagggette cetagatggt tecetttgtt getgtetgge ttteeegaat ettttta	
235 cacctccaag gactctaaaa gggggctatt ccctggagac cccagagtag ggttgcc	
236 cctgcaagtc catagctgag ctggaaagga tgcttctgct cacattccct ctcatco	
237 teettteett etegtettee teteteteae etaetteete eteeteetee tgtteet	_
238 ttctcttcta tcctgcaatt tctcccgaat cctgagggga tatccctatg tcccag	
	gaa 3079
239 tggtactccc ccagccctca gttttcagtc aagttccgtc tcctctccag ccctatg	-
240 gtctcaaggt cacgggaccc ctaatcagag tggccaatcc ctgtgtgtcg ttccctt	gtg 3139
240 gtctcaaggt cacgggaccc ctaatcagag tggccaatcc ctgtgtgtcg ttccctt 241 tctgttgctt attgggagta ggagttgctc ctacccctgt cctggggctg ggtgtgt	gtg 3139 ttc 3199
240 gtctcaaggt cacgggacce ctaatcagag tggccaatce ctgtgtgtcg ttccctt 241 tctgttgctt attgggagta ggagttgcte ctacccctgt cctggggctg ggtgtgt 242 aggacagctg cttctgtgca tttgtgtctg cctgcctcat gctctctata gaggagg	gtg 3139 ttc 3199 atg 3259
240 gtctcaaggt cacgggacce ctaatcagag tggccaatce ctgtgtgtcg ttccctt 241 tctgttgctt attgggagta ggagttgcte ctacccctgt cctggggctg ggtgtgt 242 aggacagctg cttctgtgca tttgtgtctg cctgcctcat gctctctata gaggagg 243 gtcatcgtga cagcagcage tcaagttage atttcaagtg atttgggggt gcaatga	gtg 3139 ttc 3199 atg 3259 taa 3319
240 gtctcaaggt cacgggacce ctaatcagag tggccaatce ctgtgtgtcg ttccctt 241 tctgttgctt attgggagta ggagttgcte ctacccctgt cctggggctg ggtgtgt 242 aggacagctg cttctgtgca tttgtgtctg cctgcctcat gctctctata gaggagg 243 gtcatcgtga cagcagcage tcaagttage atttcaagtg atttgggggt gcaatga 244 tgaagaatgg ccattttgta ccagggctct gtattctgca acagcctgtt tgggagg	gtg 3139 ttc 3199 tatg 3259 taa 3319 tctg 3379
240 gtctcaaggt cacgggacce ctaatcagag tggccaatce ctgtgtgtcg ttccctt 241 tctgttgctt attgggagta ggagttgcte ctacccctgt cctggggctg ggtgtgt 242 aggacagctg cttctgtgca tttgtgtctg cctgcctcat gctctctata gaggagg 243 gtcatcgtga cagcagcage tcaagttage atttcaagtg atttgggggt gcaatga 244 tgaagaatgg ccattttgta ccagggctct gtattctgca acagcctgtt tgggagg 245 gagtggaaac aaagggtggg catcaaagat gagaagccaa agcccctaca actccag	gtg 3139 ttc 3199 gatg 3259 taa 3319 gctg 3379 gcca 3439
240 gtctcaaggt cacgggacce ctaatcagag tggccaatce ctgtgtgteg ttccett 241 tctgttgctt attgggagta ggagttgcte ctacccetgt cetggggetg ggtgtgt 242 aggacagetg ettetgtgca tttgtgtetg cetgceteat getetetata gaggagg 243 gtcategtga cagcageage teaagttage atttcaagtg atttgggggt geaatga 244 tgaagaatgg ceattttgta eeagggetet gtattetgea aeageetgtt tgggagg 245 gagtggaaae aaagggtggg catcaaagat gagaageeaa ageeeetaca aeteeag 246 eecageeagg aggggetgte eaateacatt eaggeatgeg aatgagetgg geeetgg	gtg 3139 ttc 3199 tatg 3259 taa 3319 tctg 3379 tcca 3439 gtg 3499
240 gtctcaaggt cacgggacce ctaatcagag tggccaatce ctgtgtgteg ttccett 241 tctgttgctt attgggagta ggagttgcte ctacccetgt cetggggetg ggtgtgt 242 aggacagetg cttctgtgca tttgtgtctg cetgcetcat gctctctata gaggagg 243 gtcatcgtga cagcagcage tcaagttage atttcaagtg atttgggggt gcaatga 244 tgaagaatgg ccattttgta ccagggetct gtattctgca acagcetgtt tgggagg 245 gagtggaaac aaagggtggg catcaaagat gagaagccaa agcccctaca actccag 246 cccagccagg aggggetgte caatcacatt caggcatgcg aatgagetgg gccctgg 247 aggtgggggt ctggcctagt ggggagggc ctggcctggg tggggcaggg cctggcc	gtg 3139 ttc 3199 tatg 3259 taa 3319 tctg 3379 tcca 3439 gtg 3499 ttgg 3559
240 gtctcaaggt cacgggacce ctaatcagag tggccaatce ctgtgtgteg ttccett 241 tctgttgctt attgggagta ggagttgcte ctaccectgt cetggggetg ggtgtgt 242 aggacagetg cttctgtgca tttgtgtctg cetgcetcat gctctctata gaggagg 243 gtcatcgtga cagcagcage tcaagttage atttcaagtg atttgggggg gcaatga 244 tgaagaatgg ccattttgta ccagggetct gtattctgca acagcetgtt tgggagg 245 gagtggaaac aaagggtggg catcaaagat gagaagccaa agcccctaca actccag 246 cccagccagg aggggetgte caatcacatt caggcatgcg aatgagetgg gccctgg 247 aggtgggggt ctggcctagt ggggaggge ctggcctggg tggggcaggg cetggce 248 tccaggettg ggetccatte ccatcactge tgtccctcet gaggtetgga ttggggag	gtg 3139 ttc 3199 tatg 3259 taa 3319 ctg 3379 cca 3439 gtg 3499 ttgg 3559 ttgg 3619
240 gtctcaaggt cacgggacce ctaatcagag tggccaatce ctgtgtgteg ttccett 241 tctgttgctt attgggagta ggagttgcte ctacccetgt cetggggetg ggtgtgt 242 aggacagetg cttctgtgca tttgtgtctg cetgcetcat gctctctata gaggagg 243 gtcatcgtga cagcagcage tcaagttage atttcaagtg atttgggggt gcaatga 244 tgaagaatgg ccattttgta ccagggetct gtattctgca acagcetgtt tgggagg 245 gagtggaaac aaagggtggg catcaaagat gagaagccaa agcccctaca actccag 246 cccagccagg aggggetgte caatcacatt caggcatgcg aatgagetgg gccctgg 247 aggtgggggt ctggcctagt ggggagggc ctggcctggg tggggcaggg cctggcc	gtg 3139 ttc 3199 gatg 3259 ttaa 3319 gctg 3379 gcca 3439 gtg 3499 gtg 3559 ttgg 3619 ggtt 3679

RAW SEQUENCE LISTING DATE: 03/11/2002 PATENT APPLICATION: US/10/081,408 TIME: 10:21:47

Input Set : A:\Ep.txt
Output Set: N:\CRF3\03112002\J081408.raw

251	ctt	tata	tac 1	taata	atgta	aa ta	aatc	ttca	ggt	gaaa	aagg	caa	gcca	cag a	aaat	gtgtat	3799
252	agc	gcac	ttc (ccat	ttgt	gt t	tcaga	aaag	g ag	taga	atat	aaa	caca	taa '	ttgci	ttatgt	3859
																aggttg	3919
																ttgaac	3979
		gtga	ctg	tatta	accta	at to	caaaa	ataaa	a caa	ataa	atgg	gcc	caaaa	aaa	aaaa	aaaaaa	
256																	4040
				ON O													
				H: 7	63												
		2> T															
						o saj	piens	5									
				NCE:		Tla	T 011	37 a 1	T 011	T 011	т1.	Ton	717	Wal	т1 о	mb x	
265	Met 1	ASII	GIII	гуу	5	TTE	ьеи	vaı	ьeu	10	TTE	ьeu	Ата	,va1	Ile 15	1111	
		Dho	λla	Lon	-	Cvc	Val	Lon	Lau		Clv	λκα	G1v	G1v	Asp	$G1_{37}$	
267	ire	rne	нта	20	Val	Cys	Val	ьеи	25	Val	GIY	Ary	СТУ	30	АЗР	GIĀ	
	Glv	Glu	Dro		Gln	Τ.Δ11	Dro	Hic		Pro	Sar	Va 1	Ser	-	Ser	Δla	
269	OLY	OLU	35	Der	GIII	пец	110	40	Cy5	110	UCI	vu_	45	110	001	mu	
	Gln	Pro		Thr	His	Pro	Glv		Ser	Gln	Leu	Phe		Asp	Leu	Ser	
271	0111	50	112	1111		110	55	0111	001	0111	Lou	60	1114		200	001	
	Arg	-	Glu	Leu	Thr	Ala		Met	Arq	Phe	Leu		Gln	Arq	Leu	Gly	
273	-					70			•		75			,		80	
		Gly	Leu	Val	Asp	Ala	Ala	Gln	Ala	Arg	Pro	Ser	Asp	Asn	Cys	Val	
275		-			85					90			_		95		
276	Phe	Ser	Val	Glu	Leu	Gln	Leu	Pro	Pro	Lys	Ala	Ala	Ala	Leu	Ala	His	
277				100					105					110			
278	Leu	Asp	Arg	Gly	Ser	Pro	Pro	Pro	Ala	Arg	Glu	Ala	Leu	Ala	Ile	Val	
279			115					120					125				
280	Phe		Gly	Arg	Gln	Pro	Gln	Pro	Asn	Val	Ser	Glu	Leu	Val	Val	Gly	
281		130					135					140		•			
		Leu	Pro	His	Pro		Tyr	Met	Arg	Asp		Thr	Val	Glu	Arg		
	145					150					155		_ •			160	,
	GTA	GLY	Pro	Leu		Tyr	His	Arg	Arg		Val	Leu	Phe	Gin	Glu	Tyr	
285	-	_		_	165		-1	-1	_	170	a 1	_		a1 .	175	a	
	Leu	Asp	TTE	_	GIn	Met	тте	Pne		Arg	GIU	Leu	Pro		Ala	ser	
287	C1	T 0	T	180	TT -	G	C	Dh.a	185	T	mi a	3	~1	190	7 ~ ~	Tou	
289	СТА	Leu	195	HIS	HIS	Cys	Cys		туг	гаг	HIS	Arg	205	Arg	Asn	ьеu	
	Wa 1	mh w		Πh ~	mb~	7. 1 -	Dro	200	C1**	T 011	Cln	Cor		λan	7 20	λla	
291	Val	210	met	1111	1111	Ата	215	Ary	GTÄ	ьец	GIII	220	GTÄ	АЅР	Arg	мта	
	Thr		Dho	G1 v	T.au	Ттиг		λen	τlΔ	Sor	G1 v		G1v	Dhe	Phe	T.e.u	
	225	пр	FIIC	СТУ	пец	230	тут	ASII	116	Ser	235	AIG	GLY	riic	riic	240	
		His	Val	Glv	T.eu		T.en	T.e.11	Va 1	Agn		T.vs	Δla	Len	Asp		
295	1113		141	OLY	245	GIU	пси	пси	vui	250	1113	בעם	1114	пси	255	110	
	Ala	Ara	Trp	Thr		Gln	Lvs	Val	Phe		Gln	Glv	Arσ	Tvr	Tyr	Asp	
297				260			_1 -		265	- 1 -				270	4		
	Ser	Leu	Ala		Leu	Glu	Ala	Gln		Glu	Ala	Gly	Leu	Val	Asn	Val	
299			275					280				_	285				
300	Val	Leu	Ile	Pro	Asp	Asn	Gly	Thr	Gly	Gly	Ser	Trp	Ser	Leu	Lys	Ser	
301		290					295					300					



Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.



VERIFICATION SUMMARY

PATENT APPLICATION: US/10/081,408

DATE: 03/11/2002

TIME: 10:21:48

Input Set : A:\Ep.txt
Output Set: N:\CRF3\03112002\J081408.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date